

Spectrum Group, Division of United Industries Corp.  
P.O. Box 15842, St. Louis, MO 63114

# Material Safety Data Sheet

Complies with OSHA's Hazard Communication Standard, 29 CFR 1910.1200

## Hazardous Material Identification System-(HMIS)

HEALTH - 1

REACTIVITY - 0

FLAMMABILITY - 0

PERSONAL -  
Rubber gloves

**I Trade Name:** Hot Shot® Kitchen Bug Killer

**Product Type:** Aerosol Insecticide

**Product Item Number:** 4470

**Formula Code Number:** 21-0603

**EPA Registration Number**

**Manufacturer**

**Emergency Telephone No.**

9688-114-8845

Chemisco  
8494 Chapin Industrial Dr.  
St. Louis, MO 63114

**For Chemical Emergency:** 1-800-633-2873  
**For Information:** 1-800-332-5553  
**Prepared by:** C.A. Duckworth  
**Date Prepared:** September 27, 1996

## II Hazardous Ingredients/Identity Information

Chemical	%	OSHA PEL	ACGIH TLV
Heptane CAS #142-82-5	3.5	500 ppm	400 ppm
Pyrethrins CAS #8003-34-7	0.25	NA	5 mg/m <sup>3</sup>
Piperonyl Butoxide CAS #51-03-6	1.00	NA	NA
Isobutane CAS #75-28-5	8	NE	NE
Propane CAS #74-98-6	6	1000 ppm	NE

## III Physical and Chemical Characteristics

**Appearance and Odor:** Spray mist, clear wet film, and fragrance.  
**Boiling Point:** NA  
**Melting Point:** NA  
**Vapor Pressure:** 120 psig @ 54°C/130°F  
**Specific Gravity:** 1.0 (H<sub>2</sub>O=1)  
**Vapor Density:** greater than 1 (Air=1)  
**% Volatile (by vol.):** 99%  
**Solubility in Water:** greater than 99%  
**Evaporation Rate:** less than 1 (Butyl Acetate=1)

## IV Fire and Explosion Hazard Data

**Flash Point:** N/A - Will not burn  
**Flame Extension:** 0" (Level 1 Aerosol)  
**Flammable Limits:** N/A  
**Autoignition Temp.:** N/A  
**Fire Extinguishing Media:** Water Fog, Carbon Dioxide, Dry Chemical  
**Decomposition Temp.:** N/A  
**Special Fire-Fighting Procedures:** Keep containers cool. Use equipment or shielding required protecting personnel against bursting, rupturing or venting containers.  
**Unusual Fire and Explosion Hazards:** At elevated temperatures (over 54°C/130°F), containers may vent, rupture or burst. Also see Section V.

## V Reactivity Data

**Stability:** Stable  
**Polymerization:** Will not occur  
**Conditions to Avoid:** Temperatures over 130°F  
**Incompatible Materials:** N/A  
**Hazardous Decomposition or Byproducts:** N/A

## VI Health Hazard Data

**Ingestion (Swallowing):** Harmful if swallowed. **First Aid:** Call a Physician or Poison Control center immediately. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. If person is unconscious, do not give anything by mouth and do not induce vomiting.  
**Skin Contact:** Avoid contact with skin. **First Aid:** Wash with plenty of soap and water. Wash contaminated clothing separately. Get medical attention.  
**Eye Contact:** Avoid contact with eyes. **First Aid:** Flush eyes with plenty of water. Call a physician if irritation persists.  
**Inhalation Toxicity:** Harmful if inhaled. **First Aid:** Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.  
**Special Notes:** None  
**Health Conditions Aggravated by Exposure:** None Known  
**Ingredients listed by NTP, OSHA or IARC as Carcinogens or potential carcinogens:** None

## VII Precautions for Safe Handling and Use

**Steps to be Taken in Case Material is Released or Spilled:**  
Avoid breathing vapors. Remove ignition sources. Avoid skin contact with liquid.  
**Waste Disposal:**  
Do not puncture or incinerate containers. Give empty, leaking or full containers to a facility qualified to dispose of pressurized containers.  
**Handling & Storage Precautions:**  
Do not store where temperatures can exceed 54°C/130°F.

## VIII Control Measures

Read and follow label directions. They are your best guide to using this product effectively, and give necessary safety precautions to protect health.

## IX Transportation Data

**DOT Shipping Name -** Consumer Commodity  
**DOT Hazard Class -** ORM-D

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